Iowa Department of Natural Resources Geological Survey Bureau
109 Trowbridge Hall, Iowa City, IA 52242-1319 PH (319) 335-1575

WELL RECORD 47797

Permit No. 98-499W

Site identification

Property Owner Turkey Creek Well Number ____
Address Turkey Creek Rd Solon
Tenant ____
Well Depth 510 ft Date completed 11 / 13 / 98

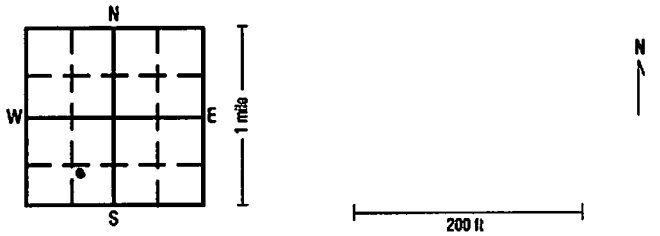
Location

County Johnson

____ mi. N/S and ____ mi. E/W of intersection of ____ and ____

NW 1/4 of the SE 1/4 of the SW 1/4 of Sec 14 TWP 80 RNG 6 E/W

Show exact location of well in section grid with a dot (●). Sketch map of well location on property.



☒ upland ☐ hillside ☐ valley Elevation (if known) ____

Formation log

From	To	Color	Hardness	Formation description
0	52	Yellow		Clay
52	75	Yellow		Limestone
75	190			Limestone
190	210			Devonian
210	308			Limestone
308	506			Silurian
506	510			Maquoketa Shale

use additional sheets as needed

Remarks (including depth of lost drilling fluids, materials, or tools)
Streak Green Shale @343

Well use

☐ Domestic ☐ Livestock ☐ Test well
☐ Municipal ☒ Public supply ☐ Irrigation
☐ Commercial ☐ Monitoring ☐ Other ____ (explain)

Drill method

☒ rotary ☐ auger ☐ cable other ____

Hole size

13 inch from 0 ft to 315 ft
8 inch from 315 ft to 519 ft

hole size continued
____ inch from ____ ft to ____ ft
____ inch from ____ ft to ____ ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

Casing

Drive shoe (yes / no) Pitless adapter (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
8" SCH	40 Steel	+1	315	316

Perforated or slotted casing? (yes / no)

Perforated / slotted from ____ ft to ____ ft
Perforated / slotted from ____ ft to ____ ft

Casing grouted? (yes / no)

Placement method Cement Shoe

Type	Depth Top	Depth bottom	Amount (vol/wt)
Neat Cement	0	315	250 Sacks

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
	0.___				
	0.___				

Bottom capped (yes / no) with ____
Seals / Packers (yes / no) kind ____ depth ____ ft
Gravel packed (yes / no) from ____ ft to ____ ft
type ____ amount ____

Well developed? (yes / no)

Explain Air
(pumped / airlifted, bailed) for 4 hrs at 150 GPM.

Pump installed? (yes / no)

Date 12 / 4 / 98
Installer's name Gingerich
Type of pump Sub Depth to intake 252 ft
Pump diameter 6 Rated capacity 90 GPM

Water information

Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone
Main water-supply zone from 350 ft to 506 ft ☐ seepage well
Static water level 140 ft (below / above) GL: ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 195 ft below GL: ☐ tape ☒ airline ☐ E-line ☐ estimate
At yield of 150 GPM ☒ orifice ☐ volumetric ☐ estimate
Measurements taken at 9 : 00 (AM / PM) Date 12 / 26 / 98

Water quality test? (yes / no)

Date tested ____ / ____ / ____
Tested by ____

Contractor Gingerich Well
Address 1321 Locust Ave Kalona IA 52247
Driller Kent Gingerich Certification no. 4004

white copy – Iowa DNR, Geological Survey Bureau blue copy – Well Contractor pink copy – Customer yellow copy – County Health Officer

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